FORM PTO-1449

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Page 1 of 24 APPLICATION NO. 10/647,471 ATTY. DOCKET NO. 1823.0570000 INVENTOR Gregory Zyzdryn FILING DATE

ART UNIT 2621 August 26, 2003

DOCUMENT NUMBER DATE NAME CLASS SUB-CLASS FILING					ENT DOCUMENTS	2621		
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AL	AA2	3,617,120	11/1971	R	oka	_				
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AO7 Helmann Biometric Systems Corporate Overview (visited June 4, 1998) http://www.nbs-jena.com/company.htm , 4 pages, Copyright 1998. AP7 Remote Access Positive IDentification - raPID (visited June 3, 1998) ">http://www.nec.com/cgl-bin/showproduct.exe?proemote+Access+Positive+IDentification+%2D+raPID>">http://www.nec.com/cgl-bin/showproduct.exe?proemote+Access+Positive+IDentification+%2D+raPID>">http://www.nec.com/cgl-bin/showproduct.exe?proemote+Access+Positive+IDentification+%2D+raPID>">http://www.nec.com/cgl-bin/showproduct.exe?proemote+Access+Positive+IDentification+%2D+raPID>">http://www.nec.com/cgl-bin/showproduct.exe?proemote+Access+Positive+IDentification+%2D+raPID>">http://www.nec.com/cgl-bin/showproduct.exe?proemote+Access+Positive+IDentification+%2D+raPID>">http://www.nec.com/cgl-bin/showproduct.exe?proemote+Access+Positive+IDentification+%2D+raPID>">http://www.nec.com/cgl-bin/showproduct.exe?proemote+Access+Positive+IDentification+%2D+raPID>">http://www.nec.com/cgl-bin/showproduct.exe?proemote+Access+Positive+IDentification+%2D+raPID>">http://www.nec.com/cgl-bin/showproduct.exe?proemote+Access+Positive+IDentification+%2D+raPID>">http://www.nec.com/cgl-bin/showproduct.exe?proemote+Access+Positive+IDentification+%2D+raPID>">http://www.nec.com/cgl-bin/showproduct.exe?proemote+Access+Positive+IDentification+%2D+raPID>">http://www.nec.com/cgl-bin/showproduct.exe?proemote+Access+Positive+IDentification+%2D+raPID>">http://www.nec.com/cgl-bin/showproduct.exe?proemote+Access+Positive+IDentification+%2D+raPID>">http://www.nec.com/cgl-bin/showproduct.exe?proemote+Access+Positive+IDentification+%2D+raPID>">http://www.nec.com/cgl-bin/showproduct.exe?proemote+Access+Positive+IDentification+%2D+raPID>">http://www.nec.com/cgl-bin/showproduct.exe?proemote+Access+Positive+IDentification+%2D+raPID>">http://www.nec.			АМ7	LS 1 LiveScan Booking http://www.hbs-jena.co	Workstation i m/ls1.htm>, (<i>High I</i> 6 page	Performance Finger & Pain es, Copyright 1998.	n Scanning (System (visite	d June 4, 1998)			
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bin/showproduct.exe?proemote+Access+Positive+IDentification+%2D+raPID>, 2 pages, Copyright 1997. AQ7 Morpho DigiScan Cellular (visited June 3, 1998)			A07					98) <http: td="" w<=""><td>ww.hbs-</td><td></td></http:>	ww.hbs-				
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AL	AA8	5,210,588	05/1993	Lee					<u> </u>		
	AB8	5,222,152	06/1993	F	ishbine et al.		· · · · · ·				
	AC8	5,222,153	06/1993	В	eiswenger						
	AD8	5,230,025	07/1993	F	ishbine et al.						
·	AE8	5,233,404	08/1993	L	ougheed et al.						
	AF8	5,249,370	10/1993	s	stanger <i>et al</i> .						
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AL	AH8	WO 98/12670 A1	03/1998		PCT		,		N/A		
	AI8	WO 99/12123 A1	03/1999		РСТ				N/A		
	AJ8	WO 99/26187 A1	05/1999	1	PCT .				N/A		
V	AK8	WO 99/40535 A1	08/1999		PCT	-			No		
		OTHER (Includ	ling Autho	r, Tit	tle, Date, Pertinent F	Pages, et	c.)				
AL 	AL8	A.F.I.S. (last updated Ap	oril 2, 1998).	<http: <="" td=""><td>//www.dermalog.de/afis</td><td>i.htm>, 2 p</td><td>ages.</td><td></td><td></td></http:>	//www.dermalog.de/afis	i.htm>, 2 p	ages.				
·	AM8	Morpho FlexScan TM Woi http://www.morpho.com	rkstation (vis n/products/la	sited J w_en	lune 3, 1998) iforcement/flexscan/>, 2	2 pages, C	opyrig	ht 1998.			
	AN8	True-ID [®] The LiveScan v	with special	*abilit	y'', 2 pages.						
	AO8	Printrak International: Us pages, Copyright 1996.	se <i>r List</i> (visit	ed Ju	ne 3, 1998) <http: td="" www<=""><td>v.printraki</td><td>nterna</td><td>tional.com (an</td><td>nd links)>, 10</td></http:>	v.printraki	nterna	tional.com (an	nd links)>, 10		
	AP8	Live-Scan Products: Ten	Live-Scan Products: Tenprinter® 1133S (visited April 23, 1999) http://www.digitalbiometrics.com/Products/tenprinter.htm , 4 pages. (Tenprinter 1133S released in 1996)								
V	AQ8	TouchPrint™ 600 Live-S <http: <="" td="" www.identix.com=""><td>ican System products/live</td><td>(visit</td><td>ed November 17, 1999 htm>, 4 pages, Copyri</td><td>) ght 1996-</td><td>1998.</td><td></td><td></td></http:>	ican System products/live	(visit	ed November 17, 1999 htm>, 4 pages, Copyri) ght 1996-	1998.				
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AL	AA9	5,261,266	11/1993	Lorenz et al.		· ·				
	AB9	5,285,293	02/1994	Webb et al.						
	AC9	5,291,318	03/1994	Genovese		·				
	AD9	Des. 348,445	07/1994	Fishbine et al.						
	AE9	5,351,127	09/1994	King et al.						
\	AF9	Des. 351,144	10/1994	Fishbine et al.						
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V	AK9									
		OTHER (Include	ling Autho	r, Title, Date, Pertinent P	ages, etc.)					
AL	AL9	Systems for Live-Scan F	ingerprinting	, Digital Biometrics, Inc., 8 pa	ages, Copyright	1998.				
	AM9	DBI FingerPrinter CMS ^T	^M , Digital Bio	metrics, Inc., 5 pages. (CMS	™ released in 1	998)				
	AN9	Fingerscan V20, Identix	Incorporated	I, 1 page, Copyright 1999.	_					
	A09	Verid [®] Fingerprint Read	er, TSSI, 4 p	ages.						
·	AP9	Response to Request for	Response to Request for Information, Cross Match Technologies, Inc., 13 pages, April 14, 1999.							
V	AQ9	Startek's Fingerprint Ver- http://www.startek.com		ducts (visited November 17, and an analysis of the december 17, an	1999)					
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AL	AA10	5,384,621	01/1995	Hatch et al.			<u></u>
	AB10	5,412,463	05/1995	Sibbald et al.			
	AC10	5,416,573	05/1995	Sartor, Jr.			
	AD10	5,448,649	09/1995	Chen et al.			
	AE10	5,467,403	11/1995	Fishbine et al.			
	AF10	5,469,506	11/1995	Berson et al.			
V	AG10	5,471,240	11/1995	Prager et al.			
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AL 	AL10	Introduction to Startek's http://www.startek.com	Fingerprint (.tw/product/i	Verification Products (visited Nove index2.html>, 2 pages.	ember 17, 1	999)	
r	AM10			Systems (visited November 17, 19 -en/empreinte-dig-en.htm>, 1 pag			
	AN10	Digital Biometrics Corpo http://www.digitalbiome-early-as-1985)	rate Informa etrics.com/Co	ntion (visited November 17, 1999) orporate_info/Corporate_info.htm	>, 2 pages.	(discusses te	chnology as
	AO10	DBI Live-Scan Products http://www.digitalbiome	: <i>Digital Bior</i> etrics.com/pr	metrics TENPRINTER® (visited No oducts/tenprinter.htm>, 4 pages.	ovember 17 (Tenprinter	, 1999) released in 19	996)
	AP10			KING OPTIONS (visited Novembe oducts/networking_options.htm>,			
	AQ10	DBI Live-Scan Products http://www.digitalbiomes	: Digital Bior etrics.com/pr	metrics FingerPrinter CMS [™] (visit roducts/FingerPrinterCMS.htm>, 3	ted Novemb 3 pages. (Cl	per 17, 1999) MS TM released	d in 1998)
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AL	AA11	5,473,144	12/1995	Mathurin, Jr.						
	AB11	5,483,601	01/1996	Faulkner						
	AC11	5,509,083	04/1996	Abtahi et al.						
	AD11	5,517,528	05/1996	Johnson						
	AE11	5,528,355	06/1996	Maase et al.						
	AF11	5,548,394	08/1996	Giles et al.						
V	AG11	5,591,949	01/1997	Bernstein			:			
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	AM11	DBI Live-Scan Products. http://www.digitalbiome	: FC-21 TM Firetrics.com/pro	ngerprint Capture Station (visit oducts/Fingerprintcapture.htm	ted November >, 2 pages.	17, 1999)				
	AN11	Series 400 OEM Scanne (Scanner released in 19		vember 17, 1999) <http: td="" www<=""><td>v.ultra-scan.co</td><td>m/400.htm>, 3</td><td>3 pages.</td></http:>	v.ultra-scan.co	m/400.htm>, 3	3 pages.			
	AO11	USC Scanner Design (vi (Scanner released in 19		ber 17, 1999) <http: td="" www.ultr<=""><td>ra-scan.com/sc</td><td>canner.htm>, 4</td><td>4 pages.</td></http:>	ra-scan.com/sc	canner.htm>, 4	4 pages.			
	AP11	Series 500/600 Scanners (visited November 17, 1999) http://www.ultra-scan.com/500.htm , 3 pages. (Scanner released in 1996)								
\bigvee	AQ11	Series 700 ID Station (vireleased in 1998)	sited Novem	ber 17, 1999) <http: td="" www.ultr<=""><td>ra-scan.com/7(</td><td>00.htm>, 3 pa</td><td>ges. (Scanner</td></http:>	ra-scan.com/7(00.htm>, 3 pa	ges. (Scanner			
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AI	⊔ ————	AA12	5,596,454	01/1997	Hebert							
	_	AB12	5,598,474	01/1997	Johnson							
		AC12	5,613,014	03/1997	Eshera et al.							
		AD12	5,615,277	03/1997	Hoffman							
		AE12	5,625,448	04/1997	Ranalli et al.							
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		AM12	Biometric Imaging Produ page, Copyright 1996-19	ucts (visited N 998.	lovember 17, 1999) <http: td="" w<=""><td>www.identix.com</td><td>/products/bioi</td><td>mage.htm>, 1</td></http:>	www.identix.com	/products/bioi	mage.htm>, 1				
۰	,	AN12	TouchPrint™ 600 Live-S 4 pages, Copyright 1996	Scan System 3-1998.	(visited April 23, 1999) <http< td=""><td>://www.identix.c</td><td>om/products/l</td><td>ivescan.htm>,</td></http<>	://www.identix.c	om/products/l	ivescan.htm>,				
		AO12	TouchPrint™ 600 Palm http://www.identix.com/	S <i>canner</i> (visi /products/pal	ted November 17, 1999) mscan.htm>, 3 pages, Copyr	right 1996-1998	•					
		AP12	TouchPrint™ 600 Card http://www.identix.com.	TouchPrint™ 600 Card Scan System (visited November 17, 1999) http://www.identix.com/products/cardscan.htm , 3 pages, Copyright 1996-1998.								
\	/	AQ12	DERMALOG KEY - The http://www.dermalog.do	safest and e e/Britain/Prod	asiest way of access control ducts/Key/key.htm>, 1 page.	(last updated J	uly 18, 1998)					
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		AE13	5,717,777	02/1998	Wo	ng et al.				
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W		AG13	5,736,734	04/1998	1	rcus et al.				
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			OTHER (Includ	ling Author	r, Title	e, Date, Pertinent	Pages, e	tc.)		
AL	•	AL13	DERMALOG FINGER-IE http://www.dermalog.de) Your small : e/Britain/Prod	size so lucts/F	olution for high securi inger/fingerid.htm>, 1	ity (last up 1 page.	dated .	luly 18, 1998)	
	4	AM13 /	Mytec: Corporate (visited	d November 1	17, 199	99) <http: td="" www.myte<=""><td>ec.com/cor</td><td>porate/</td><td>'>, 2 pages.</td><td></td></http:>	ec.com/cor	porate/	'>, 2 pages.	
	4	AN13	Kinetic Sciences Inc. Fin http://www.kinetic.bc.ca	gerprint Bion I/main-FPB.h	netrics ntml>, ′	<i>Division</i> (visited Nov 1 page.	ember 17	, 1999)		
	,	AO13	Fingerprint Biometrics: S http://www.secugen.com	Securing The m/pressrel.htm	<i>Next</i> 6 m>, 2	Generation, May 19, 19, 19, 19, 19, 19, 19, 19, 19, 19,	1999, (visi	ited No	vember 17, 19	999)
			SecuGen Unveils Fully Functional Fingerprint Recognition Solutions, May 11, 1999, (visited November 17, 1999) http://www.secugen.com/pressrel.htm , 3 pages.							
	, ,	AQ13	POLLEX Technology Ltc http://www.pollex.ch/en	d., The Experinglish/product	t in Fir ts/pollo	ngerprint Identification g.htm>, 2 pages.	n - POLLo	g (visite	ed November	17, 1999)
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AL	AA14	5,745,684	04/1998	Oskouy et al.		<u> </u>		
	AB14	5,748,766	05/1998	Maase et al.	_			
	AC14	5,748,768	05/1998	Sivers et al.				
	AD14	5,755,748	05/1998	Borza		·		
	AE14 5,757,278 05/1998 AF14 5,767,989 06/1998		05/1998	Itsumi	_			
			06/1998	Sakaguchi		·		
V	AG14	5,778,089	07/1998	Borza				
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	AH14				<u> </u>			
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AL 	AL14	Sony Fingerprint Identifit http://www.iosoftware.com/	cation Termi com/biosols/s	nal (visited November 17, 1999) sony/flu/applications/fit100.htm>,	2 pages.			
	AM14	Sony Fingerprint Identifi http://www.iosoftware.com/	cation Unit (i com/biosols/:	FIU-700) (visited November 17, 19 sony/fiu700/index.htm>, 2 pages.	999) (Unit availa	able late 1999)	
	AN14	Sony Fingerprint Identifi http://www.iosoftware.com/	cation Unit (com/blosols/	visited November 17, 1999) sony/fiu/index.htm>, 3 pages.				
	AO14	Fujitsu Fingerprint Recognition Device (FPI-550) (visited November 17, 1999) http://www.iosoftware.com/biosols/fujitsu/fpi550.htm , 2 pages.						
	AP14	Mitsubishi MyPass LP-1 http://www.iosoftware.com/	002 (visited com/biosols/	November 17, 1999) mitsubishi/mypass.htm>, 2 pages				
	AQ14	SecureTouch PV - A Personal "Password Vault" (visited November 17, 1999) http://www.biometricaccess.com/securetouch_pv.htm , 1 page.						
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	AB15	5,793,218	08/1998	Oster et al.					
	AC15	5,801,681	09/1998	Sayag					
	AD15	5,805,777	09/1998	Kuchta					
	AE15	5,809,172	09/1998	Melen					
	AF15	5,812,067	09/1998	Bergholz et al.					
.	AG15	5,815,252	09/1998	Price-Francis					
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	r	OTHER (Includ	ing Autno	r, Title, Date, Pertinent Page	es, etc.)				
AL 	AL15	Digital Descriptor System cpc.com/pages/profile.ht	ns, IncProfi ml>, 3 page	ile (visited November 17, 1999) < s.	http://www.d	ddsi-			
	AM15	Press Release: Printrak (visited November 17, 19	Internationa 1999) <http: td="" v<=""><td>Announces New Portable Finge www.scott.net/~dg/25.htm>, 3 pag</td><td>rprint ID Sol</td><td><i>lution</i>, Decemi</td><td>ber 10, 1996,</td></http:>	Announces New Portable Finge www.scott.net/~dg/25.htm>, 3 pag	rprint ID Sol	<i>lution</i> , Decemi	ber 10, 1996,		
	AN15	Corporate Profile (visited	l November	17, 1999) <http: td="" www.printrakint<=""><td>ernational.c</td><td>om/corporate.</td><td>htm>, 1 page.</td></http:>	ernational.c	om/corporate.	htm>, 1 page.		
	AO15	Printrak Products (visited (discusses technology as	d November s early as 19	17, 1999) <http: www.printrakint<br="">74)</http:>			htm>, 1 page.		
	AP15	Venfier™ 200 Fingerprint Capture Devices, Cross Match Technologies, Inc., 2 pages, 1996-1997.							
V	AQ15	Verifier 200 Direct Finge		er, Cross Check Corporation, 2 pa	ages, 1996-	1997.			
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		AB16	5,822,445	10/1998	Wo	ng	·			
		AC16	5,825,005	10/1998	Bet	nnke				
		AD16	5,825,474	10/1998	Maa	Maase			<u> </u>	
		AE16	5,828,773	10/1998	Set	lak et al.				
	,	AF16	5,832,244	11/1998	Joll	ey et al.				
V		AG16	5,848,231	12/1998		telbaum et al.				
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		AM16	Verifier 250 Small Footp	rint Direct Fi	ingerpri	nt Reader, Cross Che	ck Corpo	ration,	2 pages, 1990	6-1997.
		AN16	Verifier™ 290 Fingerprin	it Capture De	evices,	Cross Match Technol	logies, Inc	:., 2 pa	ges, 1996-19	97.
	AO16 Verifier 290 Direct Rolled Fingerprint Reader, Cross Check Corporation, 2 pages, 1996-1997.									
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	/	AQ16	Biometric terminal, 1 pag	je.						
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	AB17	5,859,420	01/1999	Borza					
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	AD17	5,862,247	01/1999	Fisun et al.					
	AE17	5,867,802	02/1999	Borza					
	AF17	5,869,822	02/1999	Meadows, II et al.					
V	AG17	5,872,834	02/1999	Teitelbaum					
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AL	AL17	10-Print Imaging System	ı, Cross Che	ck Corporation, 2 pages, 1998.					
	AM17	Cross Match Technologi	es, Inc. (visi	ted March 25, 1999) <http: td="" www.c<=""><td>rossmatch</td><td>n.net/>, 1 page</td><td>ı.</td></http:>	rossmatch	n.net/>, 1 page	ı .		
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	AO17 Cross Match Technologies, Inc Law Enforcement Systems (visited March 25, 1999) http://www.crossmatch.net/new/law/law-index.html , 2 pages.								
	AP17	Cross Match Technologies, Inc Commercial Systems: Building On The Standard (visited March 25, 1999) http://www.crossmatch.net/new/commercial/commercial-index.html , 2 pages.							
\bigvee	AQ17	Cross Match Technologi http://www.crossmatch.	es, Inc Int net/new/sal	ernational Sales (visited March 25 es/sales-index.html>, 1 page.	, 1999)				
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	AL -	AA18	5,892,599	04/1999	Bahuguna				
		AB18	5,900,993	05/1999	Betensky				
		AC18	5,907,627	05/1999	. Borza				
		AD18	5,920,384	07/1999	Borza				
		AE18	5,920,640	07/1999	Salatino et al.				
		AF18	5,928,347	07/1999	Jones				
	Ψ	AG18	5,942,761	08/1999	Tuli				
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A	L	AL18	Cross Match Technologic http://www.crossmatch	ies, Inc Su <u>i</u> .net/new/sup	oport (visited March port/support-index.t	25, 1999) ntml>, 1 page.			
		AM18	Cross Match Technologi 1999) http://www.cross	ies, Inc Ne match.net/ne	ws - Press Release w/news/news-pr-05	s - <i>Verifier 400 P</i> 50798.html>, 1 pa	ress Re age.	lease (visited	March 25,
·		AN18	Global Security Fingerson net.com/mbp/sol/g/a9.ht	can™ Systen m>, 12 page	n Overview (visited a	January 11, 2000)) <http:< td=""><td>//wwwu-</td><td></td></http:<>	//wwwu-	
		AO18	"Command Structure for Vol. 35, No. 7, December			anner," IBM Tech	nical Di	sclosure Bulle	tin, IBM Corp.,
		AP18	Fingerprint Scan API Toolkit Version 1.x Feature List (April 26, 2000) http://www.mentalix.com/api/archive_fapivl.htm , 3 pages.						
\	/	AQ18	"Image Acquisition Systone 1928-1931 (3 pages).	em, " IBM T ed	chnical Disclosure E	Bulletin, IBM Corp	o., Vol. 2	.9, No. 5, Octo	ober 1986, pp.
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	AB19	5,960,100	09/1999	Hargrove					
	AC19	5,973,731	10/1999	Schwab					
	AD.19	5,974,162	10/1999	Metz et al.					
	AE19	5,987,155	11/1999	Dunn et al.					
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	Venot, A. et al., "Automated Comparison of Scintigraphic Images," <i>Journal of Nuclear Medicine</i> , Vol. 27, No. 8, August 1986, pp. 1337-1342.								
	AP19	English-language Abstract for Japanese Patent Publication No. 59-103474, published June 14, 1984, printed from espacenet.com, 1 page.							
\bigvee	AQ19	English-language Abstra printed from espacenet.		ese Patent Publication No. 62-	-212892, publi	shed Septemb	per 18, 1987,		
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		AC20	6,023,522	02/2000	Draga	noff et al.				
		AD20	6,038,332	03/2000	Fishb	ine <i>et al.</i>	<u> </u>			
L		AE20	6,041,372	03/2000	Hart e	t al.				
		AF20	6,055,071	04/2000	Kuwa	ta et al.				
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	AC21	6,072,891	06/2000	Ha	ımid <i>et al</i> .				
	AD21	6,075,876	06/2000	Dr	aganoff				
	AE21	6,078,265	06/2000	Во	nder <i>et al</i> .				
	AF21	6,088,585	07/2000	Sc	hmitt <i>et al</i> .				
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INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AL	AA22	6,104,809	08/2000	Berson et al.			
	AB22	6,115,484	09/2000	Bowker et al.			
	AC22	6,122,394	09/2000	Neukermans et al.			
	AD22	6,144,408	11/2000	MacLean			
	AE22	6,150,665	11/2000	Suga			
	AF22	6,154,285	11/2000	Teng et al.			
V	AG22	6,162,486	12/2000	Samouilhan et al.			
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AL	AL22	Zhou, Jie <i>et al.</i> , "Effectiv UK, Vol. 37, No. 8, April	e algorithm fo 12, 2001, pp.	or rolled fingerprint construction," 492-494.	Electronics	s Letters, IEE,	Stevenage,
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AL	AA23	6,166,787	12/2000		kins et al.				
	AB23	6,178,255 B1	01/2001	So	ott <i>et al.</i>				
	AC23	6,195,447 B1	02/2001	Ro	oss				
	AD23	6,198,836 B1	03/2001	Ha	auke				
	AE23	6,204,331 B1	03/2001	Su	ıllivan <i>et al</i> .				
	AF23	6,259,108 B1	07/2001	Ar	ntonelli et al.				
V	AG23	6,272,562 B1	08/2001		cott et al.				
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AL	AA24	6,281,931 B1	08/2001	Tsao et al.			
	AB24	6,327,047 B1	12/2001	Motamed			
	AC24	6,347,163 B2	02/2002	Roustaei		<u> </u>	
	AD24	6,483,932 B1	11/2002	Martinez et al.			
	AE24	6,628,813 B2	09/2003	Scott et al.			01/16/2001
	AF24	2001/0033677 A1	10/2001	Scott et al.			
V	AG24	2002/0030668 A1	03/2002	Hoshino et al.			
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1	ATTY, DOCKET NO. 1823.0570000	APPLICATION NO. 10/647,471		
1	FIRST NAMED INVENTOR Gregory Zyzdryn			
	FILING DATE August 26, 2003	ART UNIT 2623		

EXAMINER NITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
AL	AA1	4,933,976	06/1990	Fishbine et al.			
AL	AB1	6,483,932 B1	11/2002	Martinez et al.			
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